

ABSTRACT

An electrode structure composed of a low resistance electrode film with good bonding properties on a current-collecting member surface, and manufacturing method for a battery and double-layer capacitor utilizing that element. An electrode structure is 5 formed as follows: a mixed compound containing an electrode material, a binder and a solvent is coated on a current-collecting member surface, infrared radiation is directed onto the mixed compound, to vaporize the solvent, and to form an electrode film on the current-collecting member surface. This method relates to the electrode structure and a method for manufacturing a battery and an electrical double-layer capacitor.